

MARTIN J. K. LAN

Cambridge Scholar 2003

Degree: Wesleyan University: B.A., Molecular Biology and Biochemistry, 1998

Research Interests: Psychiatry, Mental Health, Neurosciences



Martin Lan is pursuing a career in academic medicine in the field of Psychiatry. He graduated with honors in molecular biology and biochemistry from Wesleyan University. There, he received a Howard Hughes grant to study the mechanism of action of beta-lactamase inhibition as part of a senior honors thesis, work that was subsequently published in two papers in the Journal of the American Chemical Society and the Journal of Biological Chemistry. After graduation, Martin worked as a Research Assistant in Nobel Laureate Paul Greengard's Laboratory of Molecular and Cellular Neuroscience at Rockefeller University. There, he helped to elucidate the slow response pathways downstream of dopamine receptors, work that led to an additional publication. He subsequently enrolled at Duke University School of Medicine where he has completed his preclinical and core clinical training. He now hopes to combine his fascination in neuroscience with a burgeoning interest in Psychiatry to work towards understanding the major psychiatric disorders. In the Cambridge scholars program, his work focuses on studying the mechanism of action of valproic acid, a treatment for Bipolar Disorder, and comparing its effects to gene expression changes in post-mortem brain samples of patients who suffered from Bipolar Disorder.